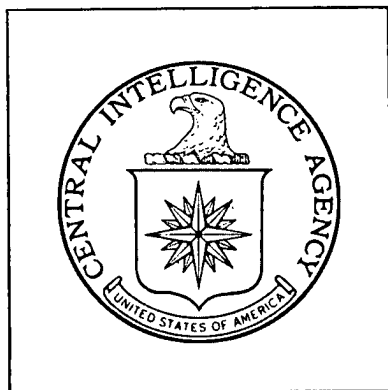


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**DIRECTORATE OF
INTELLIGENCE**

**Industrial Facilities
(Non-Military)**

Basic Imagery Interpretation Report

Huai-nan Chemical Fertilizer Plant

Huai-nan, China



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RCS 13/0060/69

DATE DECEMBER 1968

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INSTALLATION OR ACTIVITY NAME		COUNTRY
Huai-nan Chemical Fertilizer Plant		CH
UTM COORDINATES	GEOGRAPHIC COORDINATES	WAC-PIC NC
50SMM958112	32-38-20N 116-57-00E	0386-32B
MAP REFERENCE		
2RTS. USATC 200 Sheet M0386-21HL, 3rd ed., May 68, Scale 1:200,000 (SECRET		
LATEST IMAGERY USED		NEGATION DATE (If required)
		Not Required

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ABSTRACT

The Huai-nan Chemical Fertilizer Plant is similar to most of the other nitrogenous fertilizer plants built in China during the mid-1960's. The primary product of the plant is ammonium nitrate fertilizer. The plant was in the mid-stages of construction in March 1962, and was completed between late 1964 and April 1966 when it appeared to be in operation.

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INTRODUCTION

The Huai-nan Chemical Fertilizer Plant is located in Anhwei Province, approximately 4.5 nautical miles (nm) southwest of Huai-nan (Figure 1). The plant is located in an agricultural area on the flood plain of the Huai Ho (River). Electric power is probably supplied by the Huai-nan Thermal Power Plant [] which is located approximately 4.5 nm to the northeast within the city proper. Water is supplied by a small separately secured water treatment plant located immediately east of the fertilizer plant. A good, probable all-weather road system and a branch spur from the main rail line between Ho-fei and Pang-fou serve the fertilizer plant.

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BASIC DESCRIPTION

The plant occupies a walled area roughly rectangular in shape measuring approximately 3,000 by 2,500 feet.

The facilities and their layout are similar to other nitrogenous fertilizer plants constructed in China during the mid-1960's. The major production components are identified on Figure 3.

The main product of the plant is ammonium nitrate. Aqueous ammonia fertilizer could also be made, but storage and handling facilities for this type of product cannot be identified.

The following is a chronology of construction:

March 1962 - Plant in mid-stage of construction.

Gas plant, ammonia synthesis section, administration and support area appeared complete.

Gasholder for raw gas in late stages of construction.

June 1962 - Construction started on nitric acid plant and rail spur serving plant.

June 1964 - Both gasholders appeared complete.

November 1964 - Nitric acid plant in mid-stage of construction.

April 1966 - All construction complete. Plant in operation.

There were no significant changes to the plant between April 1966 and December 1967, the date of the latest coverage used for this study.

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REFERENCES

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Maps

2RTS. US Air Target Chart 200, Sheet M0386-21HL, 3rd edition, May 68,
Scale 1:200,000 (SECRET)

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Documents

I. CIA. PIR 65081, Huai-nan Nitrogen Fertilizer Plant, Huai-nan, China, February 1966 (TOP SECRET RUFF)

Requirement

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